ELSEVIER

Journal of Organometallic Chemistry 661 (2002) 211

Journal of Organometallic Chemistry

www.elsevier.com/locate/jorganchem

Author Index of Volume 661

Abele, B.C., 149
Adam, W., 3, 17

Baier, F., 111
Bergt, M., 199
Breuning, M., 31, 49
Bringmann, G., 31, 49
Brixner, T., 199

Callejas-Gaspar, B., 181

Dietl, C., 199

Engel, V., 191
Erdmann, M., 191

Fei, Z., 111

Gade, L.H., 85
Gerber, G., 199
Gil-Rubio, J., 181
Gornitzka, H., 111
Greb, M., 67

Haeuseler, A., 169
Hartung, J., 67
Heckel, F., 17

Ilg, K., 137

Kamikawa, K., 31
Kiefer, B., 199
Kiefer, W., 181
Klüpfel, B., 95

Lass, R., 137
Lehmen, K., 149
Linker, T., 159

Malisch, W., 3, 95
Martín-Barrios, S., 149
Moigno, D., 181
Murso, A., 111

Neufeld, S., 111
Nieger, M., 95

Pfeifer, R.-M., 31, 49
Pfeiffer, M., 111

Roschmann, K.J., 3
Rubner, O., 191
Rüdenauer, I., 111

Saha-Möller, C.R., 3, 17
Schenk, W.A., 3, 31, 129
Schildbach, D., 149
Schmittel, M., 169
Schreier, P., 17
Schumacher, D., 95
Shen, Z., 191
Sierra, L., 149
Stalke, D., 111
Steiner, A., 111
Stey, T., 111
Strohmann, C., 149

Tasler, S., 49

Uemura, M., 31

Villafañe, F., 149

Werner, H., 1, 137, 181
Wolf, J., 137

Elsevier Science B.V.
PII: S0022-328X(02)01955-1

ELSEVIER

Journal of Organometallic Chemistry 661 (2002) 213–215

Journal of Organometallic Chemistry

www.elsevier.com/locate/jorganchem

Subject Index of Volume 661

Alkali metals
Phosphane- and phosphorane *Janus Head* ligands in metal coordination, 111
Alkaline earth metals
Phosphane- and phosphorane *Janus Head* ligands in metal coordination, 111
Asymmetric CH oxidation
Biocatalytic synthesis of optically active oxyfunctionalized building blocks with enzymes, chemoenzymes and microorganisms, 17
Asymmetric synthesis
The directed synthesis of axially chiral ligands, reagents, catalysts, and natural products through the 'lactone methodology', 49
Atropisomers
The lactone concept—a novel approach to the metal-assisted atroposelective construction of axially chiral biaryl systems, 31
Axial chirality
The directed synthesis of axially chiral ligands, reagents, catalysts, and natural products through the 'lactone methodology', 49
The lactone concept—a novel approach to the metal-assisted atroposelective construction of axially chiral biaryl systems, 31

Biaryl axis
The directed synthesis of axially chiral ligands, reagents, catalysts, and natural products through the 'lactone methodology', 49
Biaryl ligands
The directed synthesis of axially chiral ligands, reagents, catalysts, and natural products through the 'lactone methodology', 49
Biaryls
The lactone concept—a novel approach to the metal-assisted atroposelective construction of axially chiral biaryl systems, 31
Biocatalysts
Biocatalytic synthesis of optically active oxyfunctionalized building blocks with enzymes, chemoenzymes and microorganisms, 17
Bond cleavage
One-electron oxidation of metal enolates and metal phenolates, 169

Carbanion
Enantiomerically enriched 'carbanions': Studies on the stereochemical course of selective transformations of metal alkyls, 149
Carbohydrates
Selective reactions of transition-metal-generated radicals, 159
Catalysis
Catalytic oxidations by peroxy, peroxo and oxo metal complexes: an interdisciplinary account with a personal view, 3
Phosphane- and phosphorane *Janus Head* ligands in metal coordination, 111
C–C bond formation
Iridium-containing cumulenes: how to prepare and how to use, 137
CH-acidic compounds
Selective reactions of transition-metal-generated radicals, 159
Chiral complexes
Stereoselective addition reactions of ruthenium thioaldehyde complexes, 129
Chiral secondary and tertiary phosphines
Hydrophosphination with cationic primary phosphine iron complexes: synthesis of P-chiral functionalized phosphines, 95

Cobalt
Transition metal-catalyzed oxidations of bishomoallylic alcohols, 67
Coherent control
Time-resolved organometallic photochemistry: Femtosecond fragmentation and adaptive control of $CpFe(CO)_2X$ (X = Cl, Br, I), 199
Cumulenes
Iridium-containing cumulenes: how to prepare and how to use, 137
Cycloaddition reactions
Stereoselective addition reactions of ruthenium thioaldehyde complexes, 129

DFT-calculations
The metal–carbon bond in vinylidene, carbonyl, isocyanide and ethylene complexes, 181
Diastereomerically enriched
Enantiomerically enriched 'carbanions': Studies on the stereochemical course of selective transformations of metal alkyls, 149
Dynamic kinetic resolution
The lactone concept—a novel approach to the metal-assisted atroposelective construction of axially chiral biaryl systems, 31

Enantioselective catalysis
The directed synthesis of axially chiral ligands, reagents, catalysts, and natural products through the 'lactone methodology', 49
Enantioselective transformations
Biocatalytic synthesis of optically active oxyfunctionalized building blocks with enzymes, chemoenzymes and microorganisms, 17

Femtochemistry
Time-resolved organometallic photochemistry: Femtosecond fragmentation and adaptive control of $CpFe(CO)_2X$ (X = Cl, Br, I), 199
FT-Raman spectroscopy
The metal–carbon bond in vinylidene, carbonyl, isocyanide and ethylene complexes, 181

Iridium
Iridium-containing cumulenes: how to prepare and how to use, 137
Iron carbonyls
Time-resolved photoelectron spectroscopy: A unique tool to monitor the vibrational and fragmentation dynamics of metal carbonyls, 191
Isotopic substitution
The metal–carbon bond in vinylidene, carbonyl, isocyanide and ethylene complexes, 181

Janus Head ligands
Phosphane- and phosphorane *Janus Head* ligands in metal coordination, 111

Kinetic resolution
Biocatalytic synthesis of optically active oxyfunctionalized building blocks with enzymes, chemoenzymes and microorganisms, 17

Elsevier Science B.V.
PII: S0022-328X(02)01958-7

Kinetics
One-electron oxidation of metal enolates and metal phenolates, 169

Metal-assisted hydrophosphination
Hydrophosphination with cationic primary phosphine iron complexes: synthesis of P-chiral functionalized phosphines, 95
Metal–carbon bond
The metal–carbon bond in vinylidene, carbonyl, isocyanide and ethylene complexes, 181
Metal complexes
Catalytic oxidations by peroxy, peroxo and oxo metal complexes: an interdisciplinary account with a personal view, 3
Metal enolate
One-electron oxidation of metal enolates and metal phenolates, 169
Metal-metal bonds
Transition metal complexes with polydentate amido ligands: novel structural building blocks and chemical reagents, 85
Metal phenolate
One-electron oxidation of metal enolates and metal phenolates, 169
Migratory insertion
Iridium-containing cumulenes: how to prepare and how to use, 137

Natural products
The directed synthesis of axially chiral ligands, reagents, catalysts, and natural products through the 'lactone methodology', 49
N ligands
Phosphane- and phosphorane *Janus Head* ligands in metal coordination, 111
Nucleophilic addition
Stereoselective addition reactions of ruthenium thioaldehyde complexes, 129

Organolithium
Enantiomerically enriched 'carbanions': Studies on the stereochemical course of selective transformations of metal alkyls, 149
Organometallic chemistry
Enantiomerically enriched 'carbanions': Studies on the stereochemical course of selective transformations of metal alkyls, 149
Oxidative addition
Iridium-containing cumulenes: how to prepare and how to use, 137
Oxyfunctionalization
Catalytic oxidations by peroxy, peroxo and oxo metal complexes: an interdisciplinary account with a personal view, 3
Oxygen
Transition metal-catalyzed oxidations of bishomoallylic alcohols, 67
Oxygen-transfer mechanism
Catalytic oxidations by peroxy, peroxo and oxo metal complexes: an interdisciplinary account with a personal view, 3

Peroxides
Transition metal-catalyzed oxidations of bishomoallylic alcohols, 67
Photodissociation
Time-resolved organometallic photochemistry: Femtosecond fragmentation and adaptive control of $CpFe(CO)_2X$ (X = Cl, Br, I), 199
Photoelectron spectroscopy
Time-resolved photoelectron spectroscopy: A unique tool to monitor the vibrational and fragmentation dynamics of metal carbonyls, 191
P ligands
Phosphane- and phosphorane *Janus Head* ligands in metal coordination, 111
Polydentate amido ligands
Transition metal complexes with polydentate amido ligands: novel structural building blocks and chemical reagents, 85
Pulse shaping
Time-resolved organometallic photochemistry: Femtosecond fragmentation and adaptive control of $CpFe(CO)_2X$ (X = Cl, Br, I), 199

Radical cation
One-electron oxidation of metal enolates and metal phenolates, 169
Radicals
Selective reactions of transition-metal-generated radicals, 159
Reactivity
Catalytic oxidations by peroxy, peroxo and oxo metal complexes: an interdisciplinary account with a personal view, 3
Rhodium
The metal–carbon bond in vinylidene, carbonyl, isocyanide and ethylene complexes, 181
Ring opening
The lactone concept—a novel approach to the metal-assisted atroposelective construction of axially chiral biaryl systems, 31
Ruthenium complexes
Stereoselective addition reactions of ruthenium thioaldehyde complexes, 129

Selectivity
Catalytic oxidations by peroxy, peroxo and oxo metal complexes: an interdisciplinary account with a personal view, 3
Selective reactions of transition-metal-generated radicals, 159
Semisynthetic enzyme
Biocatalytic synthesis of optically active oxyfunctionalized building blocks with enzymes, chemoenzymes and microorganisms, 17
Soil bacteria
Biocatalytic synthesis of optically active oxyfunctionalized building blocks with enzymes, chemoenzymes and microorganisms, 17
Solid state structures
Enantiomerically enriched 'carbanions': Studies on the stereochemical course of selective transformations of metal alkyls, 149
Stereoselective synthesis
The lactone concept—a novel approach to the metal-assisted atroposelective construction of axially chiral biaryl systems, 31
Transition metal-catalyzed oxidations of bishomoallylic alcohols, 67
Stereoselectivity
One-electron oxidation of metal enolates and metal phenolates, 169
Stereoselectivity Catalysis
Hydrophosphination with cationic primary phosphine iron complexes: synthesis of P-chiral functionalized phosphines, 95

Tetrahydrofurans
Transition metal-catalyzed oxidations of bishomoallylic alcohols, 67
Thioaldehydes
Stereoselective addition reactions of ruthenium thioaldehyde complexes, 129
Thiopyranes
Stereoselective addition reactions of ruthenium thioaldehyde complexes, 129
trans Influence
The metal–carbon bond in vinylidene, carbonyl, isocyanide and ethylene complexes, 181
Transition metal catalysis
Transition metal-catalyzed oxidations of bishomoallylic alcohols, 67
Transition metal complexes
Transition metal complexes with polydentate amido ligands: novel structural building blocks and chemical reagents, 85

Transition metals
Selective reactions of transition-metal-generated radicals, 159
Tungsten
The metal–carbon bond in vinylidene, carbonyl, isocyanide and ethylene complexes, 181
Vanadium
Transition metal-catalyzed oxidations of bishomoallylic alcohols, 67
Vinylidene complexes
The metal–carbon bond in vinylidene, carbonyl, isocyanide and ethylene complexes, 181